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- Brandl, R., Probst, R., Müller, B., Powarzynski, S., Maurer, P.C., and Neumeier, D. Evaluation of the Measurement of Lysate Homocysteine in Patients with Symptomatic Arterial Disease and in Healthy Volunteers (tech brief), 699
- Brando, B. See Orfao, Schmitz, Brando, Ruiz-Arguelles, Basso, Braylan, Rothe, Lacombe, Lanza, Papa, Lucio, and San Miguel
- Brandrup, F. See Christiansen, Bygum, Thomsen, Brandrup, Hørdér, and Petersen
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- Brandt, B.H. See Beckmann, Vogt, Huda, Zänker, and Brandt
- Brandt, J., Krogh, T.N., Jensen, C.H., Frederiksen, J.K., and Teisner, B. Thermal Instability of the Trimeric Structure of the N-terminal Propeptide of Human Procollagen Type I in Relation to Assay Technology, 47
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- Bräutigam, C., Steenbergen-Spanjers, G.C.H., Hoffmann, G.F., Dionisi-Vici, C., van den Heuvel, L.P.W.J., Smeitink, J.A.M., and Wevers, R.A. Biochemical and Molecular Genetic Characteristics of the Severe Form of Tyrosine Hydroxylase Deficiency, 2073
- Bräutigam, C. See Wevers, Engelke, Moolenaar, Bräutigam, de Jong, Duran, de Abreu, and van Gennip
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- Bremond, J. See Rymer, Sabatier, Daver, Bourleaud, Assicot, Bremond, Rapin, Salhi, Thirion, Vassault, Ingrand, and Pau
- Briege, A., Trojan, J., Raedle, J., Roth, W.K., and Zeuzem, S. Identification of Germline Mutations in Hereditary Nonpolyposis Colorectal Cancer Using Base Excision Sequence Scanning Analysis (tech brief), 1564
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- Brooks, D.E., Devine, D.V., Harris, P.C., Harris, J.E., Miller, M.E., Olal, A.D., Spiller, L.J., and Xie, Z.C. RAMP™: A Rapid, Quantitative Whole Blood Immunochromatographic Platform for Point-of-Care Testing (abstract), 1676
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- Carrière, D., Vendrell, J.P., Fontaine, C., Jansen, A., Reyes, J., Pages, I., Holzmann, C., Laprade, M., and Pau, B.** Whole Blood Capellia CD4/CD8 Immunoassay for Enumeration of CD4+ and CD8+ Peripheral T Lymphocytes, 92
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- Castaldo, G., Fuccio, A., Cazeneuve, C., Picci, L., Salvatore, D., Raia, V., Scarpa, M., Goossens, M., and Salvatore, F.** Detection of Five Rare Cystic Fibrosis Mutations Peculiar to Southern Italy: Implications in Screening for the Disease and Phenotype Characterization for Patients with Homozygote Mutations, 957
- Castaldo, G., Intrieri, M., Castellano, L., de Sio, I., Del Vecchio Blanco, C., Sacchetti, L., and Salvatore, F.** Serum  $\gamma$ -Glutamyltransferase Isoform Complexed to LDL in the Diagnosis of Small Hepatocellular Carcinoma (letter), 1100
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- Causse, E., Siri, N., Bellet, H., Champagne, S., Bayle, C., Valdiguié, P., Salvayre, R., and Couderc, F.** Plasma Homocysteine Determined by Capillary Electrophoresis with Laser-induced Fluorescence Detection (tech brief), 412
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- Chan, D.W., Kelley, C.A., Ratliff, T.L., D'Agostino, D., Ritchey, J., Lamb, D.J., Beck, J., Lott, N., Wener, M.H., Daum, P., Henkin, R.E., Kaske, D.N., Golightly, D.W., McBride, J., Layco, G., Ota, M.K., Tanasijevic, M.J., Grudzien, C., Woodrum, D.L., Bray, K.R., Southwick, P.C., Gasior, G.H., and Loveland, K.G.** Analytical and Clinical Performance Characteristics of Hybritech's Tandem-R free PSA Assay during a Large Multicenter Clinical Trial to Determine the Clinical Utility of Percentage of Free Prostate-specific Antigen (tech brief), 1863
- Chan, D.W. and Sokoll, L.J.** Prostate-specific Antigen: Advances and Challenges (editorial), 755
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- Chan, M.-S., Kutty, D., Pepin, J., Parris, N., Potts, R., Reidy, M., Tierney, M., Uhegbu, C., and Jayalakshmi, Y.** Materials for Fabricating Biosensors for Transdermal Glucose Monitoring (abstract), 1689
- Chan, P.C.R., Wong, B.Y.L., Ozcelik, H., and Cole, D.E.C.** Simple and Rapid Detection of BRCA1 and BRCA2 Mutations by Multiplex Mutagenically Separated PCR (tech brief), 1285
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- Chen, B.** See Turner, Chen, and Piletsky
- Chen, F., Castranova, V., Shi, X., and Demers, L.M.** New Insights into the Role of Nuclear Factor- $\kappa$ B, a Ubiquitous Transcription Factor in the Initiation of Diseases (editorial), 7
- Chen, M.-L. and Lam, C.-W.** Protein Zone Electrophoresis of Pleural Effusion: The Diagnostic Separation of Transudates and Exudates (letter), 1882
- Chen, R., Lowe, L., Wilson, J.D., Crowther, E., Tzeghai, K., Bishop, J.E., and Varro, R.** Simultaneous Quantification of Six Human Cytokines in a Single Sample Using Microparticle-based Flow Cytometric Technology (abstract), 1693
- Chen, S.-H.** See Chen, Wang, Young, Chang, and Chen
- Chen, T.-J., Boles, R.G., and Wong, L.-J.C.** Detection of Mitochondrial DNA Mutations by Temporal Temperature Gradient Gel Electrophoresis, 1162
- Chen, Y.-H., Wang, W.-C., Young, K.-C., Chang, T.-Y., and Chen, S.-H.** Plastic Microchip Electrophoresis for Analysis of PCR Products of Hepatitis C Virus, 1938
- Cheng, W.-C.** See Tsai, Jang, Hsu, Cheng, and Chang
- Chiasera, J.M.** See Roberts, Chiasera, and Ward-Cook
- Chien, K.-L., Lee, Y.-T., Sung, F.-C., Hsu, H.-C., Su, T.-C., and Lin, R.S.** Hyperinsulinemia and Related Atherosclerotic Risk Factors in the Population at Cardiovascular Risk: A Community-based Study, 838
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- Chiu, N.H.L. and Cantor, C.R. Mass Spectrometry of Nucleic Acids (letter), 1578
- Chiu, N.H.L. and Christopoulos, T.K. Two-Site Expression Immunoassay Using a Firefly Luciferase-coding DNA Label, 1954
- Chocron, S. See Giuliani, Bertinchant, Granier, Laprade, Chocron, Toubin, Etievent, Larue, and Trinquier
- Choe, S.-J. See Kim, Bae, Chae, Kim, Choe, Namkoong, Kim, Park, and Lee
- Choi, J.W., Pai, S.H., Im, M.W., and Kim, S.K. Change in Transferrin Receptor Concentrations with Age (tech brief), 1562
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- Christenson, R.H. See Apple, Christenson, Valdes, Andriak, Berg, Duh, Feng, Jortani, Johnson, Koplen, Mascotti, and Wu
- Christenson, R.H. See Apple, Mathren, Mullins, Painter, Pessin-Minsley, Webster, Flores, DeCresce, Fink, Buckley, Marsh, Ricchiuti, and Christenson
- Christiansen, L., Bygum, A., Thomsen, K., Brandrup, F., Horder, M., and Petersen, N.E. Denaturing Gradient Gel Electrophoresis Analysis of the Hemochromatosis (HFE) Gene: Impact of HFE Gene Mutations on the Manifestation of Porphyria Cutanea Tarda (tech brief), 2025
- Christofides, N.D. Furosemide Interference in Newer Free Thyroxine Assays (letter), 1315
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- Cobbaert, C., Mulder, P.G.H., Baadenhuijsen, H., Zwang, L., Weykamp, C.W., and Demacker, P.N.M. Survey of Total Error of Precipitation and Homogeneous HDL-Cholesterol Methods and Simultaneous Evaluation of Lyophilized Saccharose-containing Candidate Reference Materials for HDL-Cholesterol, 360
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- Cole, D.E.C. See Chan, Wong, Ozelik, and Cole
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- Collison, M.E., Stout, P.J., Glushko, T.S., Pokela, K.N., Mullins-Hirte, D.J., Racchini, J.R., Walter, M.A., Mecca, S.P., Rundquist, J., Allen, J.J., Hilgers, M.E., and Hoegh, T.B. Analytical Characterization of Electrochemical Biosensor Test Strips for Measurement of Glucose in Low-Volume Interstitial Fluid Samples, 1665
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- Cook, D.B., Bustamam, A.A., Brotherick, I., Shenton, B.K., and Self, C.H. Lectin ELISA for the c-erb-B2 Tumor Marker Protein p185 in Patients with Breast Cancer and Controls (tech brief), 292
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- Cremonesi, L., Carrera, P., Fumagalli, A., Lucchiarri, S., Cardillo, E., Ferrari, M., Righetti, S.C., Zunino, F., Righetti, P.G., and Gelfi, C. Validation of Double Gradient Denaturing Gradient Gel Electrophoresis through Multigenic Retrospective Analysis, 35
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- Croal, B.L., Mitchell, I., Dickie, A., Duff, P.A., Cohen, N.P., and Ross, I.S. Complexed Prostate-specific Antigen and the "Prostate-specific Antigen Gap" (letter), 2040
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- Klingler, K.R., Junold, T., and Wielckens, K. Activated Protein C Resistance: Automated Detection of the Factor V Leiden Mutation by Mismatch Hybridization, 1925
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- Kondo, A., Muranaka, Y., Ohta, I., and Kanno, T. Dynamic Reaction in a Homogeneous HDL-Cholesterol Assay Visualized by Electron Microscopy, 1974
- Kondo, Y. See Yamauchi, Tozuka, Hidaka, Hidaka, Kondo, and Katsuyama
- Kondo, Y. See Yamauchi, Tozuka, Nakabayashi, Sugano, Hidaka, Kondo, and Katsuyama
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- Lamuela-Raventós, R.M., Covas, M.-I., Fitó, M., Marrugat, J., and de la Torre-Boronat, M.C. Detection of Dietary Antioxidant Phenolic Compounds in Human LDL (tech brief), 1870
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- Landers, J.P. See Munro, Snow, Kant, and Landers
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- Lario, S., Inigo, P., Campistol, J.M., Poch, E., Rivera, F., and Oppenheimer, F. Restriction Enzyme-based Method for Transforming Growth Factor- $\beta$  Genotyping: Nonisotopic Detection of Polymorphisms in Codons 10 and 25 and the 5'-Flanking Region (tech brief), 1290
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- Larson, I., Hoffmann, M.M., Ordoñez, J.M., Schaefer, E.J., März, W., and Kreuzer, J. The Lipoprotein Lipase HindIII Polymorphism: Association with Total Cholesterol and LDL-Cholesterol, but not with HDL and Triglycerides in 342 Females, 963
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- Laurendeau, I., Bahau, M., Vodovar, N., Larramendy, C., Olivi, M., Bieche, I., Vidaud, M., and Vidaud, D. TagMan PCR-based Gene Dosage Assay for Predictive Testing in Individuals from a Cancer Family with *INK4* Locus Haploinsufficiency, 982
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- Lee, C.C. See Kim, Bae, Chae, Kim, Choe, Namkoong, Kim, Park, and Lee
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- Levinson, S.S. and Kaplan, I.V. More on Heterophile and Human Anti-Animal Antibodies (letter, reply), 2042
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- Liu, S., Zhang, M.Y., Song, Q., Zhang, X., Kadijevic, L., and Shi, Q. Extra Leader Sequence Affects Immunoreactivity of Cardiac Troponin I (tech brief), 1300, (correction) 2045
- Liu, S. See Shi, Ling, Zhang, Zhang, Kadijevic, Liu, and Laurino
- Llorin, O. See Little, Andrews, Moore, Bustos, Jones, Embres, Durmowicz, Harris, Berger, Yanson, Rostkowski, Yursis, Price, Fort, Walters, Collis, Llorin, Wood, Failing, O'Keefe, Scrivens, Pope, Hansen, Marino, Williams, and Boenisch
- Lo, K.-W., Lo, Y.M.D., Leung, S.-F., Tsang, Y.-S., Chan, L.Y.S., Johnson, P.J., Hjelm, N.M., Lee, J.C.K., and Huang, D.P. Analysis of Cell-free Epstein-Barr Virus-associated RNA in the Plasma of Patients with Nasopharyngeal Carcinoma (tech brief), 1292
- Lo, Y.M.D., Lau, T.K., Zhang, J., Leung, T.N., Chang, A.M.Z., Hjelm, N.M., Elmes, R.S., and Bianchi, D.W. Increased Fetal DNA Concentrations in the Plasma of Pregnant Women Carrying Fetuses with Trisomy 21, 1746
- Lo, Y.M.D., Leung, T.N., Tein, M.S.C., Sargent, I.L., Zhang, J., Lau, T.K., Haines, C.J., and Redman, C.W.G. Quantitative Abnormalities of Fetal DNA in Maternal Serum in Preeclampsia, 184
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- Loitsch, S.M., Kippenberger, S., Dauletbaev, N., Wagner, T.O.F., and Bargon, J. Reverse Transcription-Competitive Multiplex PCR Improves Quantification of mRNA in Clinical Samples—Application to the Low Abundance CFTR mRNA, 619
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- Lun, A., Ziebig, R., Hammer, H., Otting, U., Filler, G., and Sinha, P. Reference Values for Neonates and Children for the UF-100 Urine Flow Cytometer (letter), 1879
- Lun, A., Ziebig, R., Priem, F., Filler, G., and Sinha, P. Routine Workflow for Use of Urine Strips and Urine Flow Cytometer UF-100 in the Hospital Laboratory (tech brief), 1305
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- Magklara, A., Scorilas, A., Catalona, W.J., and Diamandis, E.P. The Combination of Human Glandular Kallikrein and Free Prostate-specific Antigen (PSA) Enhances Discrimination Between Prostate Cancer and Benign Prostatic Hyperplasia in Patients with Moderately Increased Total PSA, 1960
- Magklara, A., Scorilas, A., López-Otin, C., Vizoso, F., Ruibal, A., and Diamandis, E.P. Human Glandular Kallikrein in Breast Milk, Amniotic Fluid, and Breast Cyst Fluid, 1774
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- Mura, C. See Bollhalder, Mura, Landt, and Maly
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- Ogino, M., Hiymuta, S., Kadota, A., Io, Y., and Hanazono, M. Active Ceruloplasmin in Cervicovaginal Secretions: Its Association with Term Premature Rupture of the Membranes (tech brief), 2019
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- Ørntoft, T.F. See Vestergaard, Hein, Meyer, Grunnet, Jørgensen, Wolf, and Ørntoft
- Ørum, H., Jakobsen, M.H., Koch, T., Vuust, J., and Borre, M.B. Detection of the Factor V Leiden Mutation by Direct Allele-specific Hybridization of PCR Amplicons to Photoinmobilized Locked Nucleic Acids, 1898
- Ostroff, R.M., Hopkins, D., Haeberli, A.B., Baouchi, W., and Polisky, B. Thin Film Biosensor for Rapid Visual Detection of Nucleic Acid Targets, 1659
- Ota, M.K. See Chan, Kelley, Ratliff, D'Agostino, Ritchey, Lamb, Beck, Lott, Wener, Daum, Henkin, Kaske, Golightly, McBride, Layco, Ota, Tanasijevic, Grudzien, Woodrum, Bray, Southwick, Gasior, and Loveland
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- Oz, U.A. See Cole, Shahabi, Oz, Bahado-Singh, and Mahoney
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- Pagès, I. See Carrière, Vendrell, Fontaine, Jansen, Reynes, Pagès, Holzmann, Laprade, and Pau
- Påhlsson, P. See Rydén, Lundblad, and Pålsson
- Pai, S.H. See Choi, Pai, Im, and Kim
- Painter, P.C. Principles of Clinical Laboratory Utilization and Consultation (book review), 1582
- Painter, P.C. See Apple, Maturen, Mullins, Painter, Pessin-Minsley, Webster, Flores, DeCresce, Fink, Buckley, Marsh, Ricchiuti, and Christensen
- Paleari, R., Paglietti, E., Mosca, A., Mortarino, M., Maccioni, L., Satta, S., Cao, A., and Galanello, R. Posttranslational Deamidation of Proteins: The Case of Hemoglobin J Sardegna [a50(CD8)His→Asn→Asp], 21
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- Papa, S. See Mannello, Malatesta, Luchetti, Papa, Battistelli, and Gazzanelli
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- Park, Y.-B. See Kim, Bae, Chae, Kim, Choe, Namkoong, Kim, Park, and Lee
- Parker, W.D., Jr. The Other Genome (editorial), 1129
- Parnham, A. See Gibb, Parnham, Fonfrède, and Lecock
- Parris, N.A. See Tierney, Jayalakshmi, Parris, Reidy, Uhegbu, and Vijayakumar
- Parris, N. See Chan, Kutty, Pepin, Parris, Potts, Reidy, Tierney, Uhegbu, and Jayalakshmi
- Parsons, M.P., Newman, D.J., Newall, R.G., and Price, C.P. Validation of a Point-of-Care Assay for the Urinary Albumin:Creatinine Ratio (tech brief), 414
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- Passagot, J. See Michel, Deléage, Charrier, Passagot, Battail-Poirot, Sibai, Jolivet, and Jolivet-Reynaud
- Pastor, J. See Oddo, Dubus, Badier, Thirion, Pauli, Pastor, and Bruguerolle
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- Pau, B. See Carrière, Vendrell, Fontaine, Jansen, Reynes, Pagès, Holzmann, Laprade, and Pau
- Pau, B. See Rymer, Sabatier, Daver, Bourleaud, Assicot, Bremond, Rapin, Salhi, Thirion, Vassault, Ingrand, and Pau

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- Paulsson, M. See Sárdy, Odenthal, Kárpáti, Paulsson, and Smyth
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- Paz, A. See Alvarez, Olander, Crimmins, Prieto, Paz, Alonso, Porter, Hess, Crist, Landt, and Ladenson
- Pazzagli, M. See Raggi, Bagnoni, Tonini, Maggi, Vona, Pinzani, Mazzocco, De Bernardi, Pazzagli, and Orlando
- Pedersen, A.N., Brünner, N., Hoyer-Hansen, G., Hamer, P., Jarosz, D., Larsen, B., Nielsen, H.J., and Stephens, R.W. Determination of the Complex between Urokinase and Its Type-1 Inhibitor in Plasma from Healthy Donors and Breast Cancer Patients, 1206, (correction) 2046
- Pelsters, M.M.A.L., Chapelle, J.-F., Knapen, M., Vermeer, C., Muijtjens, A.M.M., Hermens, W.T., and Glatz, J.F.C. Influence of Age and Sex and Day-to-Day and Within-Day Biological Variation on Plasma Concentrations of Fatty Acid-binding Protein and Myoglobin in Healthy Subjects (letter), 441
- Penet, S. See Vuillaume, Penet, Rakza, Storme, Kacet, Lequien, and Rousseaux
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- Perier, C. See Granouillet, Rasclé, Bonneau, Chamson, Frey, and Perier
- Peris, P. See Alvarez, Oriola, Jo, Ferró, Pons, Peris, Guanhens, Durán, Monegal, de Osaba, Rivera-Fillat, and Ballesta
- Perret, R. See Henry, Froehlich, Perret, Tissot, Eilers-Messierli, Lavanchy, Dionisi-Vici, Convers, and Bachmann
- Perromat, A. See Petitbois, Rigalleau, Melin, Perromat, Cazorla, Gin, and Deléris
- Perry, B. See Doumas, Yein, Perry, Jendrzyszczak, and Kessner
- Perry, B.W. See Koethe, Zielinski, and Perry
- Perry, H.M., III. The Endocrinology of Aging, 1369
- Pesce, A.J. See Horn, Pesce, and Copeland
- Pessin-Minsley, M.S. See Apple, Maturen, Mullins, Painter, Pessin-Minsley, Webster, Flores, DeCresce, Fink, Buckley, Marsh, Ricchiuti, and Christenson
- Peters, T., Jr. What Remains to Be Discovered. Mapping the Secrets of the Universe, the Origins of Life, and the Future of the Human Race (book review), 1582
- Peters, W.H.M. See Mulder, Court, and Peters
- Petersen, C.E., Ha, C.-E., Harollahi, K., Park, D.S., Feix, J.B., Isozaki, O., and Bhagavan, N.V. Structural Investigations of a New Familial Dysalbuminemic Hyperthyroxinemia Genotype, 1248
- Petersen, J.S. See Batstra, van Driel, Petersen, van Donselaar, van Tol, Bruining, Grobbee, Dyrberg, and Aanstoot
- Petersen, N.E. See Christensen, Bygum, Thomsen, Brandrup, Horder, and Petersen
- Petersen, P.H. See Fraser and Petersen
- Petitbois, C., Rigalleau, V., Melin, A.-M., Perromat, A., Cazorla, G., Gin, H., and Deléris, G. Determination of Glucose in Dried Serum Samples by Fourier-Transform Infrared Spectroscopy, 1530
- Pettersson, K. See Robertson, Cahir, Burger, Marmers, McCloud, Pettersson, and McGuckin
- Pezzilli, R., Morselli-Labate, A.M., Miniero, R., Barakat, B., Flocchi, M., and Cappelletti, O. Simultaneous Serum Assays of Lipase and Interleukin-6 for Early Diagnosis and Prognosis of Acute Pancreatitis, 1762
- Pfeifer, P.H., Kawahara, M.S., and Hugli, T.E. Possible Mechanism for *In Vitro* Complement Activation in Blood and Plasma Samples: Futhan/EDTA Controls *In Vitro* Complement Activation, 1190
- Pfeiffer, C.M., Huff, D.L., and Gunter, E.W. Rapid and Accurate HPLC Assay for Plasma Total Homocysteine and Cysteine in a Clinical Laboratory Setting (tech brief), 290
- Pfeiffer, C.M., Huff, D.L., Smith, S.J., Miller, D.T., and Gunter, E.W. Comparison of Plasma Total Homocysteine Measurements in 14 Laboratories: An International Study, 1261
- Pfeiffer, C.M., Smith, S.J., Miller, D.T., and Gunter, E.W. Comparison of Serum and Plasma Methylmalonic Acid Measurements in 13 Laboratories: An International Study, 2236
- Pfeiffer, C.M., Twite, D., Shih, J., Holets-McCormack, S.R., and Gunter, E.W. Method Comparison for Total Plasma Homocysteine between the Abbott IMx Analyzer and a HPLC Assay with Internal Standardization (tech brief), 152
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- Pichler, M. See Weitgasser, Gappmayer, and Pichler
- Pierach, C.A. Porphyria Conundrum (editorial), 932
- Piletsky, S.A. See Turner, Chen, and Piletsky
- Pillars, P.I. See Salm, Taylor, and Pillars
- Pinzani, P. See Raggi, Bagnoni, Tonini, Maggi, Vona, Pinzani, Mazzocco, De Bernardi, Pazzagli, and Orlando
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- Poch, E. See Lario, Inigo, Campistol, Poch, Rivera, and Oppenheimer
- Poggi-Bach, J. See Mooleenaar, Poggi-Bach, Engelke, Corstiaensen, Heerschap, de Jong, Binzak, Vockley, and Wevers
- Pokela, K.N. See Collision, Stout, Glushko, Pokela, Mullins-Hirte, Racchini, Walter, Mecca, Rundquist, Allen, Hilgers, and Hoegh
- Pokela, K. See Stout, Pokela, Mullins-Hirte, Hoegh, Hilgers, Thorp, Collision, and Glushko
- Polisky, B. See Ostroff, Hopkins, Haeberli, Baouchi, and Polisky
- Pönniö, M., Alho, H., Nikkari, S.T., Olsson, U., Rydberg, U., and Sillanauke, P. Serum Sialic Acid in a Random Sample of the General Population, 1842
- Pons, F. See Alvarez, Oriola, Jo, Ferró, Pons, Peris, Guanhens, Durán, Monegal, de Osaba, Rivera-Fillat, and Ballesta
- Pope, B. See Little, Andrews, Moore, Bustos, Jones, Embres, Durmowicz, Harris, Berger, Yanson, Rostkowski, Yursis, Price, Fort, Walters, Collis, Llorin, Wood, Failing, O'Keefe, Scrivens, Pope, Hansen, Marino, Williams, and Boenisch
- Porter, S. See Alvarez, Olander, Crimmins, Prieto, Paz, Alonso, Porter, Hess, Crist, Landt, and Ladenson
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- Price, C.P. See Parsons, Newman, Newall, and Price
- Price, J. See Little, Andrews, Moore, Bustos, Jones, Embres, Durmowicz, Harris, Berger, Yanson, Rostkowski, Yursis, Price, Fort, Walters, Collis, Llorin, Wood, Failing, O'Keefe, Scrivens, Pope, Hansen, Marino, Williams, and Boenisch
- Priem, F., Althaus, H., Birnbaum, M., Sinha, P., Conrad, H.S., and Jung, K.  $\beta$ -Trace Protein in Serum: A New Marker of Glomerular Filtration Rate in the Creatinine-Blind Range (tech brief), 567
- Priem, F. See Lun, Ziebig, Priem, Filler, and Sinha
- Prieto, B. See Alvarez, Olander, Crimmins, Prieto, Paz, Alonso, Porter, Hess, Crist, Landt, and Ladenson
- Prieto, I. See Martínez, Prieto, Ramírez, Cueva, Alba, and Ramírez
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- Pulkki, K. See Hämaläinen, Eskola, Hellman, and Pulkki
- Punnonen, K. See Suominen, Punnonen, Rajamäki, Majuri, Hänninen, and Irjala
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- Racchini, J.R. See Collision, Stout, Glushko, Pokela, Mullins-Hirte, Racchini, Walter, Mecca, Rundquist, Allen, Hilgers, and Hoegh
- Rae, P. See MacKenzie, Ashton, Spiers, Shen, Freeborn, Hannigan, Lindberg, and Rae
- Raedle, J. See Brieger, Trojan, Raedle, Roth, and Zeuzem
- Rafferty, B. and Das, R.G. Comparison of Pituitary and Recombinant Human Thyroid-stimulating Hormone (rhTSH) in a Multicenter Collaborative Study: Establishment of the First World Health Organization Reference Reagent for rhTSH, 2207
- Raggi, C.C., Bagnoni, M.L., Tonini, G.P., Maggi, M., Vona, G., Pinzani, P., Mazzocco, K., De Bernardi, B., Pazzagli, M., and Orlando, C. Real-Time Quantitative PCR for the Measurement of MYCN Amplification in Human Neuroblastoma with the TaqMan Detection System, 1918
- Raia, V. See Castaldo, Fuccio, Cazeneuve, Picci, Salvatore, Raia, Scarpa, Goossens, and Salvatore
- Rainey, P. Digibind and Free Digoxin (letter), 719
- Raisz, L.G. Physiology and Pathophysiology of Bone Remodeling, 1353, (correction) 1885
- Rajamäki, A. See Suominen, Punnonen, Rajamäki, Majuri, Hänninen, and Irjala
- Rakza, T. See Vuillaume, Penet, Rakza, Storme, Kacet, Lequien, and Rousseaux
- Ramírez, M.J. See Martínez, Prieto, Ramírez, Cueva, Alba, and Ramírez
- Ramírez, M. See Martínez, Prieto, Ramírez, Cueva, Alba, and Ramírez

- Ránby, M., Gojceta, T., Gustafsson, K., Hansson, K.M., and Lindahl, T.L. Isocitrate as Calcium Ion Activity Buffer in Coagulation Assays, 1176
- Randers, E., Krue, S., Erlandsen, E.J., Danielsen, H., and Hansen, L.G. Reference Interval for Serum Cystatin C in Children (tech brief), 1856
- Rapin, J. See Rymer, Sabatier, Daver, Bourleaud, Assicot, Bremond, Rapin, Salhi, Thirion, Vassault, Ingrand, and Pau
- Rasclé, F. See Granouillet, Rasclé, Bonneau, Chamson, Frey, and Perier
- Rasmussen, K., Møller, J., and Lyngbak, M. Within-Person Variation of Plasma Homocysteine and Effects of Posture and Tourniquet Application, 1850
- Rasmussen, K. See Møller, Rasmussen, and Christensen
- Ratliff, T.L. See Chan, Kelley, Ratliff, D'Agostino, Ritchey, Lamb, Beck, Lott, Wener, Daum, Henkin, Kaske, Golightly, McBride, Layco, Ota, Tanasijevic, Grudzien, Woodrum, Bray, Southwick, Gasior, and Loveland
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- Refsum, H. See Hølleland, Schneede, Ueland, Lund, Refsum, and Sandberg
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- Remaley, A.T., Sampson, M.L., DeLeo, J.M., Remaley, N.A., Farsi, B.D., and Zweig, M.H. Prevalence-Value-Accuracy Plots: A New Method for Comparing Diagnostic Tests Based on Misclassification Costs, 934
- Remaley, N.A. See Remaley, Sampson, DeLeo, Remaley, Farsi, and Zweig
- Remppis, A. See Müller-Bardorff, Rauscher, Kampmann, Schoolmann, Laufenberg, Mangold, Zerback, Remppis, and Katus
- Reynes, J. See Carrière, Vendrell, Fontaine, Jansen, Reynes, Pagès, Holzmann, Laprade, and Pau
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- Riemer, H. See Rieger, Riemer, and Mannhalter
- Riezler, R. See Ubbink, Delpont, Riezler, and Vermaak
- Rifai, N., Jouban, R., Yu, H., Asmi, M., and Jouma, M. Inflammatory Markers in Men with Angiographically Documented Coronary Heart Disease, 1967
- Rifai, N., Tracy, R.P., and Ridker, P.M. Clinical Efficacy of an Automated High-Sensitivity C-Reactive Protein Assay, 2136
- Rigalleau, V. See Petitobis, Rigalleau, Melin, Perromat, Cazorla, Gin, and Déleris
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- Roach, B.M., Meinke, J.S., Sridhar, N., and Vladutiu, A.O. Multiple Narrow Bands in Urine Protein Electrophoresis (letter), 716
- Roberts, B. See Roberts, Smith, and Roberts
- Roberts, N.B. See Dutton, Hodgkinson, Hutchinson, and Roberts
- Roberts, T., Smith, M., and Roberts, B. Observations on Centrifugation: Application to Centrifuge Development, 1889
- Roberts, W.L., Chiasera, J.M., and Ward-Cook, K.M. Glycogenolysis Results in Samples with Hemoglobin C or S Trait: A Comparison of Four Test Systems (tech brief), 906
- Roberts, W.L., De, B.K., Coleman, J.P., and Annesley, T.M. Falsely Increased Immunoassay Measurements of Total and Unbound Phenytoin in Critically Ill Uremic Patients Receiving Fosphenytoin, 829
- Robertson, D.M., Cahir, N., Burger, H.G., Marners, P., McCloud, P.L., Pettersson, K., and McGuckin, M. Combined Inhibin and CA125 Assays in the Detection of Ovarian Cancer, 651
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- Rohayem, J., Conrad, K., Zimmermann, T., and Frank, K.-H. Comparison of the Diagnostic Accuracy of Three Commercially Available Enzyme Immunoassays for Anti-p53 Antibodies (tech brief), 2014
- Roig, M. See Arranz, Riudor, Rodés, Roig, Climent, Rubio, Sentis, and Burlina
- Romppanen, E.-L. and Mononen, I. PCR-Oligonucleotide Ligation Assay from Dried Blood Spots (tech brief), 2022
- Romstad, A., Guldberg, P., Blau, N., and Güttler, F. Single-Step Mutation Scanning of the 6-Pyruvoyltetrahydropterin Synthase Gene in Patients with Hyperphenylalaninemia, 2102
- Rosen, C.J. Serum Insulin-like Growth Factors and Insulin-like Growth Factor-binding Proteins: Clinical Implications, 1384
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- Rousseau, A. and Canton, M. New Miniaturized Highly Sensitive Immunoassay Device for Quantitative Measurement of Soluble or Particular Antigen or Antibodies in a Liquid Sample (abstract), 1685
- Rousseaux, J. See Vuillaume, Penet, Rakza, Storme, Kacet, Lequien, and Rousseaux
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- Rubí, J. See del Rey, Madrid, Valiño, Rubí, Mercader, Moro, and Ripoll
- Rubinacci, A., Melzi, R., Zampino, M., Soldarini, A., and Villa, I. Total and Free Deoxyypyridinoline after Acute Osteoclast Activity Inhibition, 1510
- Rubinacci, A. See Vezzoli, Caumo, Baragetti, Zerbi, Bellinzoni, Centemero, Rubinacci, Moro, Adamo, Bianchi, and Soldati
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- Tang, N.L.S., Leung, T.N., Zhang, J., Lau, T.K., and Lo, Y.M.D. Detection of Fetal-derived Paternally Inherited X-Chromosome Polymorphisms in Maternal Plasma (tech brief), 2033
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- Tsai, K.-S., Jang, M.-H., Hsu, S.H.-J., Cheng, W.-C., and Chang, M.-H. Bone Alkaline Phosphatase Isoenzyme and Carboxy-Terminal Propeptide of Type-I Procollagen in Healthy Chinese Girls and Boys (tech brief), 136
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- Urnovitz, H.B., Sturge, J.C., Gottfried, T.D., and Murphy, W.H. Urine Antibody Tests: New Insights into the Dynamics of HIV-1 Infection, 1612
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- Varner, M.W. Ceruloplasmin and Preterm Premature Rupture of the Membranes (editorial), 1887
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- von Ahnen, N., Schütz, E., Armstrong, V.W., and Schütz, E. Application of a Thermodynamic Nearest-Neighbor Model to Estimate Nucleic Acid Stability and Optimize Probe Design: Prediction of Melting Points of Multiple Mutations of Apolipoprotein B-3500 and Factor V with a Hybridization Probe Genotyping Assay on the LightCycler, 2094
- von Ahnen, N., Schütz, E., Armstrong, V.W., and Oellerich, M. Rapid Detection of Prothrombotic Mutations of Prothrombin (G20210A), Factor V (G1691A), and Methylene-tetrahydrofolate Reductase (C677T) by Real-Time Fluorescence PCR with the LightCycler (tech brief), 694
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- WalkerPeach, C.R., Winkler, M., DuBois, D.B., and Pasloske, B.L. Ribonuclease-resistant RNA Controls (Armored RNA) for Reverse Transcription-PCR, Branched DNA, and Genotyping Assays for Hepatitis C Virus, 2079
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- Wang, W.-C. See Chen, Wang, Young, Chang, and Chen
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### KEY TO ABBREVIATIONS

A, abstract of meeting paper  
CR, case report  
CC, case conference  
E, editorial

H, history  
L, letter  
O, opinion  
R, review

S, symposium paper  
SN, scientific note  
SR, special report  
TB, technical brief

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